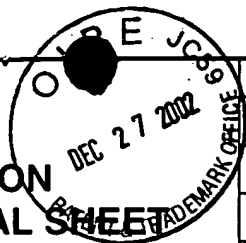


**APPLICATION  
FEE TRANSMITTAL SHEET  
(FOR FY 2002)**



| Complete if Known    |                   |
|----------------------|-------------------|
| Application No.      | 09/549            |
| Filing Date          | April 14, 2000    |
| First Named Inventor | Douglas K. Warner |
| Group Art Unit       | 2171              |
| Examiner Name        | Chen, Te Y        |
| Atty. Docket Number  | 14559             |

| METHOD OF PAYMENT (Check One)   |                  |  |                 | FEE CALCULATION (Continued)   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
|---|------------------|--|-----------------|---|--|--|--|------------------|------------------|-----------------|----------|----|----|--|--|-----|----|--|--|-----|-----|-------------------|--|----|----|--|--|-----|----|--|--|-----|-----|---|--|-----|-----|--|----------|-------|-----|---|--|-------|-----|--|--|-----|-----|------------------------------|--|-----|-----|------------------|--|-----|-----|--|--|-----|-----|--------------------------|--|-----|----|-------------------------|--|-----|-----|-------------------------------|--|----|----|---|--|-------|-----|--|--|-----|-----|--|--|-----|-----|---|--|-----|-----|---|--|-----|-----|------------------------------------|--|-----|----|----------------------------------|--|-------|-----|------------------------------------|--|----------------------|--|--|--|--------------|--|--|----------|--------------------------|--|--|--|
| 1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:<br>Deposit Account No.: 04-1420<br>Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u><br><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17<br><input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27) |                  |  |                 | <b>3. ADDITIONAL FEES</b>   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 2. <input checked="" type="checkbox"/> Check Enclosed   |                  |  |                 | <table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>65</td> <td>Surcharge - Late nonprovisional filing fee or oath</td> <td></td> </tr> <tr> <td>180</td> <td>180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>40</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>400</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>920</td> <td>460</td> <td>Extension for reply within third month</td> <td>\$460.00</td> </tr> <tr> <td>1,440</td> <td>720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1,960</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>740</td> <td>370</td> <td>Submission After Final 1.129</td> <td></td> </tr> <tr> <td>320</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>320</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>280</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>50</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1,280</td> <td>640</td> <td>Utility/Reissue Issue Fee (including advance copies)</td> <td></td> </tr> <tr> <td>460</td> <td>230</td> <td>Design Issue Fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>740</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>300</td> <td>300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td>300</td> <td>300</td> <td>Publication fee for re-publication</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>1,280</td> <td>640</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td colspan="4">OTHER FEE (specify):</td> </tr> <tr> <td colspan="3">Subtotal (3)</td> <td>\$460.00</td> </tr> <tr> <td colspan="4">Total Amount of Payment:</td> </tr> </tbody> </table> |  |  |  | Large Entity Fee | Small Entity Fee | Fee Description | Fee paid | 50 | 25 | Surcharge - late provisional filing fee or cover sheet |  | 130 | 65 | Surcharge - Late nonprovisional filing fee or oath |  | 180 | 180 | Submission of IDS |  | 40 | 40 | Recording each patent assignment per property (times number of properties) |  | 110 | 55 | Extension for reply within first month |  | 400 | 200 | Extension for reply within second month |  | 920 | 460 | Extension for reply within third month | \$460.00 | 1,440 | 720 | Extension for reply within fourth month |  | 1,960 | 980 | Extension for reply within fifth month |  | 740 | 370 | Submission After Final 1.129 |  | 320 | 160 | Notice of Appeal |  | 320 | 160 | Filing a brief in support of an appeal |  | 280 | 140 | Request for oral hearing |  | 110 | 55 | Terminal Disclaimer Fee |  | 130 | 130 | Petitions to the Commissioner |  | 50 | 50 | Petitions related to provisional applications |  | 1,280 | 640 | Utility/Reissue Issue Fee (including advance copies) |  | 460 | 230 | Design Issue Fee (inc. advance copies) |  | 740 | 370 | Request for Continued Examination (RCE) |  | 300 | 300 | Publication fee for early, voluntary, or normal publication |  | 300 | 300 | Publication fee for re-publication |  | 110 | 55 | Petition to Revive - unavoidable |  | 1,280 | 640 | Petition to Revive - unintentional |  | OTHER FEE (specify): |  |  |  | Subtotal (3) |  |  | \$460.00 | Total Amount of Payment: |  |  |  |
| Large Entity Fee  | Small Entity Fee | Fee Description  | Fee paid        |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 50  | 25               | Surcharge - late provisional filing fee or cover sheet                     |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 130   | 65               | Surcharge - Late nonprovisional filing fee or oath                         |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 180   | 180              | Submission of IDS  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 40  | 40               | Recording each patent assignment per property (times number of properties) |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 110   | 55               | Extension for reply within first month                                     |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 400   | 200              | Extension for reply within second month                                    |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 920   | 460              | Extension for reply within third month                                     | \$460.00        |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 1,440   | 720              | Extension for reply within fourth month                                    |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 1,960   | 980              | Extension for reply within fifth month                                     |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 740   | 370              | Submission After Final 1.129   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 320   | 160              | Notice of Appeal   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 320   | 160              | Filing a brief in support of an appeal                                     |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 280   | 140              | Request for oral hearing   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 110   | 55               | Terminal Disclaimer Fee  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 130   | 130              | Petitions to the Commissioner  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 50  | 50               | Petitions related to provisional applications                              |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 1,280   | 640              | Utility/Reissue Issue Fee (including advance copies)                       |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 460   | 230              | Design Issue Fee (inc. advance copies)                                     |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 740   | 370              | Request for Continued Examination (RCE)                                    |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 300   | 300              | Publication fee for early, voluntary, or normal publication                |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 300   | 300              | Publication fee for re-publication   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 110   | 55               | Petition to Revive - unavoidable   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 1,280   | 640              | Petition to Revive - unintentional   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| OTHER FEE (specify):  |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Subtotal (3)  |                  |  | \$460.00        |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Total Amount of Payment:  |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| <b>FEE CALCULATION</b>  |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| <b>1. BASIC FILING FEE</b>  |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Large Entity Fee  | Small Entity Fee | Fee Description  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 160   | 80               | <input type="checkbox"/> Provisional Filing Fee                            |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 740   | 370              | <input type="checkbox"/> Utility Filing Fee                                |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 330   | 165              | <input type="checkbox"/> Design Filing Fee                                 |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 740   | 370              | <input type="checkbox"/> Reissue Filing Fee                                |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Subtotal (1)  |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| <b>2. EXTRA* CLAIM FEES</b>   |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Number Claims   | Prior            | Extra  | Fee from Below* | Fee Paid  |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Total   | - 20             | =  | x               | =   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Indep.  | - 3              | =  | x               | =   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Multiple Dependent Claims   |                  | =  | x               | =   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Subtotal (2)  |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| <b>*Calculation of Extra Claim Fees</b>   |                  |  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| Large Entity Fee  | Small Entity Fee | Fee Description  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 18  | 9                | Claims in excess of 20   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 84  | 42               | Independent claims in excess of 3  |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 280   | 140              | Multiple dependent Claim   |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 84  | 42               | Reissue independent claims over original patent                            |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |
| 18  | 9                | Reissue claims in excess of 20 and over original patent                    |                 |   |  |  |  |                  |                  |                 |          |    |    |  |  |     |    |  |  |     |     |                   |  |    |    |  |  |     |    |  |  |     |     |   |  |     |     |  |          |       |     |   |  |       |     |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                      |  |  |  |              |  |  |          |                          |  |  |  |

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